Subject: Re: family structure
Posted by Bridgette-DHS on Tue, 03 Sep 2019 18:46:14 GMT
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Following is a response from DHS Research & Data Analysis Director, Tom Pullum:

Below are some Stata lines that will help get you started, using the 2017 DHS survey of the Philippines to identify nuclear households. The lines tell you whether the household contains one person with hv101=1, one person with hv101=2, at least one person with hv101=3, and no other persons. Some modifications are possible, e.g. using hv111-hv114 to check whether each child of the household head is also a child of the spouse of the household head. You might also want to check the ages of the children (it's possible that some children are adults). No matter how carefully you define your household types, a few households will probably be hard to classify. A limitation is that you do now know how everyone in the household is related to everyone else. Good luck

```
* identify nuclear households: head, spouse, children

use "C:\Users\26216\ICF\Analysis - Shared Resources\Data\DHSdata\PHPR70FL.DTA" , clear

cd e:\DHS\DHS_data\scratch

keep hv001 hv002 hvidx hv101-hv105 hv111-hv114
label list HV101

sort hv001 hv002 hvidx
save PHtemp.dta, replace

gen n=1
levelsof hv101, local(levels_hv101)
foreach li of local levels_hv101 {
gen n_`li'=0
replace n_`li'=1 if hv101==`li'
}

collapse (sum) n*, by(hv001 hv002)

gen family_type=.
replace family_type=1 if n_1==1 & n_2==1 & n_3>0 & n==n_1+n_2+n_3

tab family_type, m


* construct other types
* then can merge back to PHtemp.dta
```